Attorney Docket No. 4409.214-US

Serial No. 09/772,607

Filed: January 30, 2001

Inventors: Jonassen et al.

Via Express Mail Label No.: EV 732211977 US

Amendments To The Claims

The listing of claims will replace all prior versions, and listings, of the claims in the

application.

Listing Of Claims:

Claims 1-47 (Cancelled).

Claim 48 (Previously presented) A derivative of GLP-1 or an analog thereof wherein a

lipophilic substituent having 8 to 40 carbon atoms and optionally having an amino group is

optionally via a spacer attached to the C-terminal amino acid of GLP-1 or the analog thereof and

wherein the spacer is Lys, Glu or Asp, or Glu-Lys wherein the Lys is attached to the C-terminal

amino acid of GLP-1 or the analog thereof, or Asp-Lys wherein the Lys is attached to the

C-terminal amino acid of GLP-1 or the analog thereof.

Claim 49 (Previously presented) The derivative of claim 48, wherein the lipophilic substituent

has 12 to 35 carbon atoms.

Claim 50 (Previously presented) The derivative of claim 48, wherein the lipophilic substituent is

an acyl group of a straight chain fatty acid.

Claim 51 (Previously presented) The derivative of claim 48, wherein the lipophilic substituent is

attached to the C-terminal amino acid via a spacer.

Claim 52 (Previously presented) The derivative of claim 51, wherein the lipophilic substituent is

an acyl group of a straight chain fatty acid.

Claim 53 (Previously presented) The derivative of claim 52, wherein the spacer is Lys and the

lipophilic substituent is -CO(CH₂)_mCH₃ wherein m is an integer from 8 to 18 and is attached to

the ε -amino group of the spacer.

Claim 54 (Previously presented) The derivative of claim 52, wherein the spacer is Glu-Lys- and

the lipophilic substituent is -CO(CH₂)_pCH₃ wherein p is an integer from 10 to 16 and is attached

to Glu.

- 2 -

Attorney Docket No. 4409.214-US

Serial No. 09/772,607 Filed: January 30, 2001 Inventors: Jonassen et al.

Via Express Mail Label No.: EV 732211977 US

Claim 55 (Previously presented) The derivative of claim 50, wherein the lipophilic substituent is tetradecanoyl.

Claim 56 (Previously presented) The derivative of claim 55, which is SEQ ID NO:2, His-Ala-Glu-Gly-Thr-Phe-Thr-Ser-Asp-Val-Ser-Ser-Tyr-Leu-Glu-Gly-Gln-Ala-Ala-Lys-Glu-Phe-Ile-Ala-Trp-Leu-Val-Lys $[N^{\epsilon}-\gamma-Glu(N^{\alpha}-tetradecanoyl)-OH]-OH$.

Claim 57 (Previously presented) The derivative of claim 48, wherein the lipophilic substituent has a free carboxylic acid when attached to the C-terminal amino acid of GLP-1 or the analog thereof.

Claim 58 (Previously presented) The derivative of claim 57, wherein the lipophilic substituent is attached to the C-terminal amino acid of GLP-1 or the analog thereof via a spacer.

Claim 59 (Previously presented) The derivative of claim 58, wherein the spacer is Lys.